ETHICS IN CYBERSPACE

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WHAT IS CYBERSPACE?

Cyberspace is the virtual computer world that could be an object that is floating around a computer network or system.

Simply we can say it's a place which is not real but the electronic messages exist while they are being sent from one computer to another.

1

What do you mean by cyberethics?

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The term "cyber ethics" refers to a set of moral rules or a code of behaviour applied to the online environment.

Importance of cyberethics

To protect personal information such password information.
1

To make ICT available and accessible to all.
2

To control plagiarism, student identity fraud and use of copyrighted material.
3

To suppress dishonest business practises.
4

RULES OF CYBERETHICS

- Do not break into someone's else computer.
- Do not cyberbully.
- Do not plagiarize
- Do not use offensive or rude languages
- Do not try to infect someone else's computer unusable.

TOP 5 CYBER CRIMES AND THEIR PUNISHMENT

- Phishing Scams.
- Website Spoofing.
- Ransomware.
- Malware.
- IOT Hacking.

Categories of cybercrime

Individual- online harassment, child pornography, bank fraud.

Property- theft of information and data from financial institution, trespassing cyber hog.

Government - cyber terrorism, threats and misuse of government sites.

Cyber law

Cyber law is also known internet law. Cyber law india is the area which addresses the internet , relation to technical and electrical elements, including computers, software , hardware and information service.
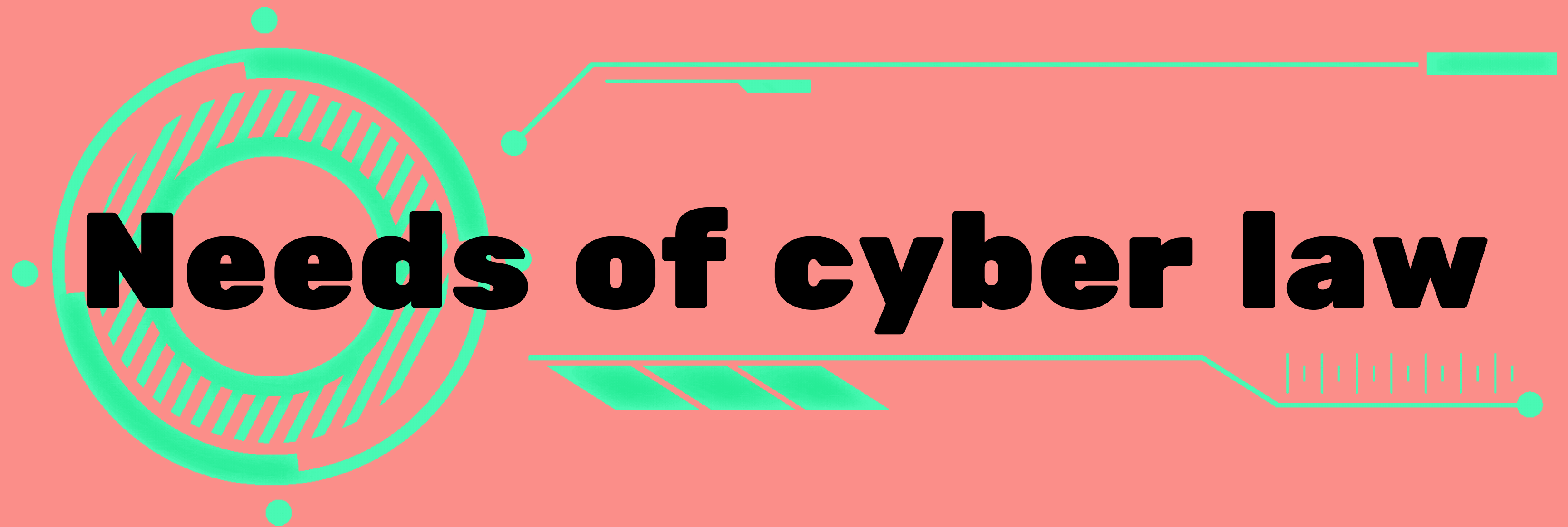
Importance of cyber law

It dictates all actions and reactions in cyberspace
All online transactions are ensured to be safe and protected
All online activities are under watch by cyber law
Keeps track of all electronic records
Helps to establish electric governance

Needs of cyber law

The various components of cyber law

Safeguarding data and privacy

Cybercriming

Intellectual property

Electrical and digital signature

Types of cyber law

Defamation
Fraud
Harassment
Freedom of speech

Impact of covid on cybersecurity.

Three layers of cyberspace

cyberspace can be viewed as

Physical layer →
- HARDWARE
- INFRASTRUCTURE
- PHYSICAL CONNECTORS

logical layer →
- TECHNICAL
- CONSISTS OF LOGICAL CONNECTIONS

social layer →
- HUMAN AND COGNITIVE ASPECTS